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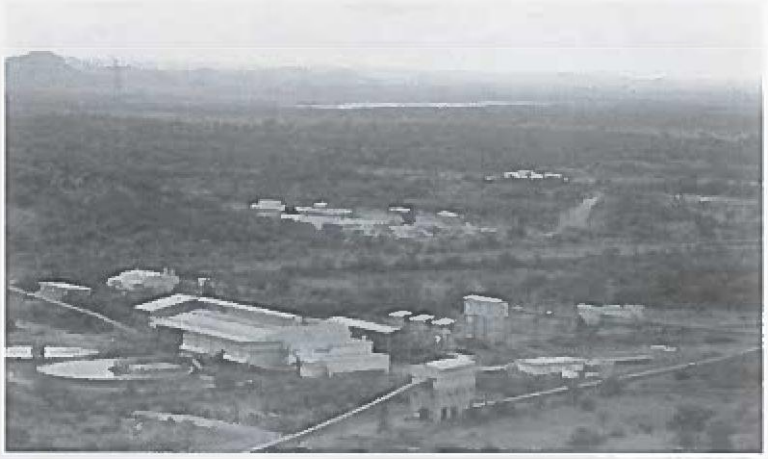
NATIONAL IRON ORE MINING COMPANY

THE MINE & INDUSTRIAL FACILITIES



FOR

STATUS PURSUANT TO

THE REHABILITATION/REPAIR

AND

RE-OPERATIONALIZATION OF NIOMCO

NOVEMBER 2019

EXECUTIVE SUMMARY

The National Iron Ore Mining Project Itakpe was designed to produce and supply 2.15 million tonnes of 63 – 64% Fe iron ore concentrate for the first phase production of 1.3 million tonnes of liquid steel per annum at the Ajaokuta Steel Plant (ASP) as well as 0.55 million tonnes of 67 – 68% Fe iron ore superconcentrate for the production of 1.0 million tonnes of liquid steel per annum at the Delta Steel Plant (DSP). NIOMCO is also to sell to the international market after satisfying the local demand including the expanded demands of the National Steel Plants at the second and third phases for the Delta Steel Plant and Ajaokuta Steel Plant, respectively.

THE MINE

The mine operation began in 1981 with a total of 3,865,078 Tons produced within the 1981 and 2008. The Mine has been fully developed with 20% of the Mining Fleet on ground. However, this 20% Mining fleet were last procured in 1992 and 2003 and are due for major refurbishment or outright replacement. Most of the Laboratory equipment and tools are also obsolete needing replacement.

THE BENEFICIATION PLANT

The three process lines for the production of concentrates have been completed, culminating in the production of over 620,000 tonnes of 63-65% Fe concentrates from 1993 to April 2008. The condition of the plant is such that it would require some repairs and maintenance work to be done. The items and activities required to get the plant to a condition for production of iron ore concentrate are spelt out in the full report. The plant was left in a deplorable state and all stocked spare parts exhausted by the previous concessionnaire.

The Weathered Ore Treatment Plant for improved process yield and efficiency as well as the Superconcentrate Plant for the production of 67 –68% Superconcentrates are yet to be completed.

ELECTRICAL FACILITIES

NIOMCO has an 11kV overhead network covering a distance of about 50km. It is fed by stepping down from 132kV through 2 x 30MVA main transformers and channeled to 65 Nos distribution transformers. The electrical units mostly cables, circuit breakers, limit switches, instrumentation, communication network of the plant had depreciated due to exposure to harsh conditions and age. Upgrading of Instrumentation and Control Systems, replacement of burnt and missing power and control cables, motors, pumps, etc are required.

ORE RAIL LINE

Also completed is the 52km Itakpe – Ajaokuta standard gauge Rail Line. This rail line equipped with 2 locomotives and 71 wagons was used in transporting the concentrate to Ajaokuta and Delta Steel Plant. This however has been transferred to the Ministry of Transport for use in passengers transport to Warri. Most of the wooden sleepers have been changed to concrete sleepers leaving out only the marshaling yard at Itakpe and Ajaokuta, it is advised to replace these wooden sleepers with concrete sleepers for durability considering the weight of the iron ore concentrate the wagons would be carrying and the fact that they are getting rotten. It is also to be noted that there is need to agree on a term with the Ministry of Transport on the usage of the rail when production starts. There should

be a very good communication link at the Control Towers between NIOMCO, Ajaokuta and the Ministry of Transport (Nigerian Railway) as it was with NIOMCO/Ajaokuta/ Julius Berger and also to intimate the Ministry of Transport of the release of the 2 Nos locomotive back to NIOMCO when production begins or procure new ones.

CONCLUSION

In operating and maintenance of this plant, there is the need to procure tools and some testing equipment. It is expected that once the company is reoperationalised, it will pursue its primary responsibility of meeting the 100% iron ore concentrates requirements of the Ajaokuta Steel Company of which the Itakpe Iron Ore mine is a captive mine and also to generate the urgently needed non-oil revenue and employment opportunities from the Company and associated upstream and downstream industries.

In this respect, the FGN should maintain the National Iron Ore Mining Company and the Ajaokuta Steel Company as National organizations, since separate ownership of the two companies will create undesirable bottlenecks in meeting the country's vision 2020:20 policy of becoming a regional/global iron and steel producer/consumer.

NATIONAL IRON ORE MINING COMPANY LIMITED
DIAGNOSTIC TECHNICAL REPORT

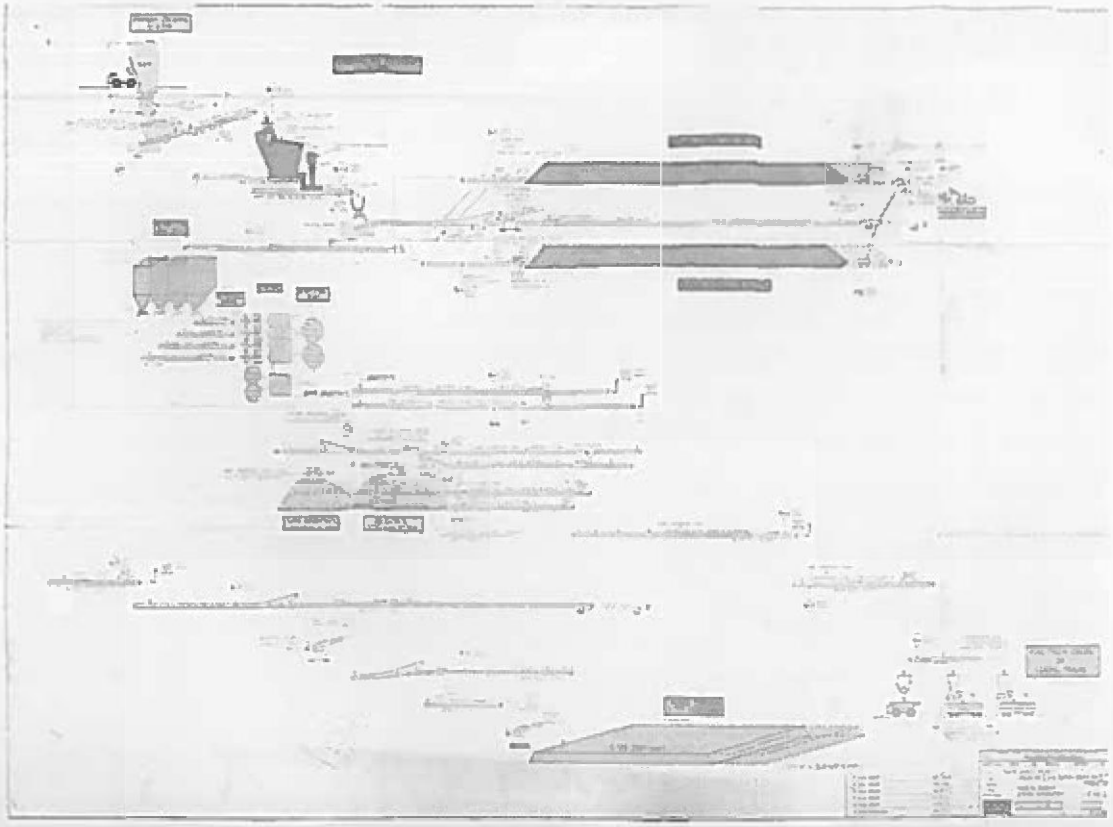
1.0. INTRODUCTION

1.1 OBJECTIVES OF NIOMCO

- To produce and supply 100% of the iron ore concentrate requirements of Ajaokuta Steel Company Limited (ASCL), amounting to 2.15 million tonnes of 63-64% Fe concentrates per year, to enable it produce 1.3 million tonnes of liquid steel per annum during its first phase production stage.
- To produce and supply 40% of the iron ore requirement of Delta Steel Company, (DSC), Limited, Aladja, amounting to 550,000 tonnes per year of 67-68% Fe grade super concentrate.
- To export the concentrate to the International Markets after satisfying the local demands including the expanded demands of the primary steel plants.
- To arrange and co-ordinate the exploration, exploitation and supply of raw materials required by the Nation's major steel plants. These raw materials include coking coal, limestone/marble, dolomite, refractory clays, manganese, bauxite, ferro-alloy materials, etc.

2.0 NATIONAL IRON ORE MINING COMPANY – PROCESS FLOW

BENEFICIATION PROCESS FLOW



3.0 HISTORICAL BACKGROUND

As a follow up to the First National Development Plan (1962 – 1968) that provided for the establishment of a steel complex utilizing Nigerian raw materials, the Federal Government of Nigeria (FGN) established the Nigerian Steel Development Authority (NSDA) in 1971 by Decree No. 19 as a platform to develop a National Steel Industry. After initial studies and favourable exploratory works, the NSDA was dissolved through decree No. 60 on the 19th September 1979 which also created in its place; the Ajaokuta Steel Company Ltd, the Delta Steel Company Ltd, the Rolling Mills at Katsina, Oshogbo and Jos, as well as the Associated Ores Mining Company Ltd (AOMC), which was later renamed National Iron Ore Mining Company Ltd (NIOMCO) in 1987 to streamline its activities.

Iron Ore Mining commenced in 1980 while construction of the Itakpe/Ajaokuta Ore Rail Line, the Osara Earth Dam, the Power Supply system and the Beneficiation Plant (Lines 1 and 2) were completed in 1989, 1990 & 1992 respectively culminating in the commissioning of concentrate production by the then Mr. President, Gen. Ibrahim Babangida on December 19th 1992. Beneficiation Plant Line 3 was later commissioned in 1993 and over 290,000 tonnes of concentrates was produced from 1993 to 1997.

Between 1980 and 1997, NIOMCO produced

- 9.02m tonnes of associated waste,
- 2.99 million tonnes of raw iron ore (ROM)
- 1.02 million tonnes was crushed
- 291,415 tonnes of concentrates between 1993 and 1997.
- Supplied about 12,000 tonnes of concentrates to ASCL in 1993 to test the handling facilities there.
- Sold 58,861 tonnes on credit to DSC between 1994 and 1996 from which billets of international standard was produced and dispatched to the inland rolling mills.
- 31,000 tonnes of concentrates was also sold to non-steel companies especially cement manufacturers and the oil pipe line industries in 2004 and first quarter of 2005.

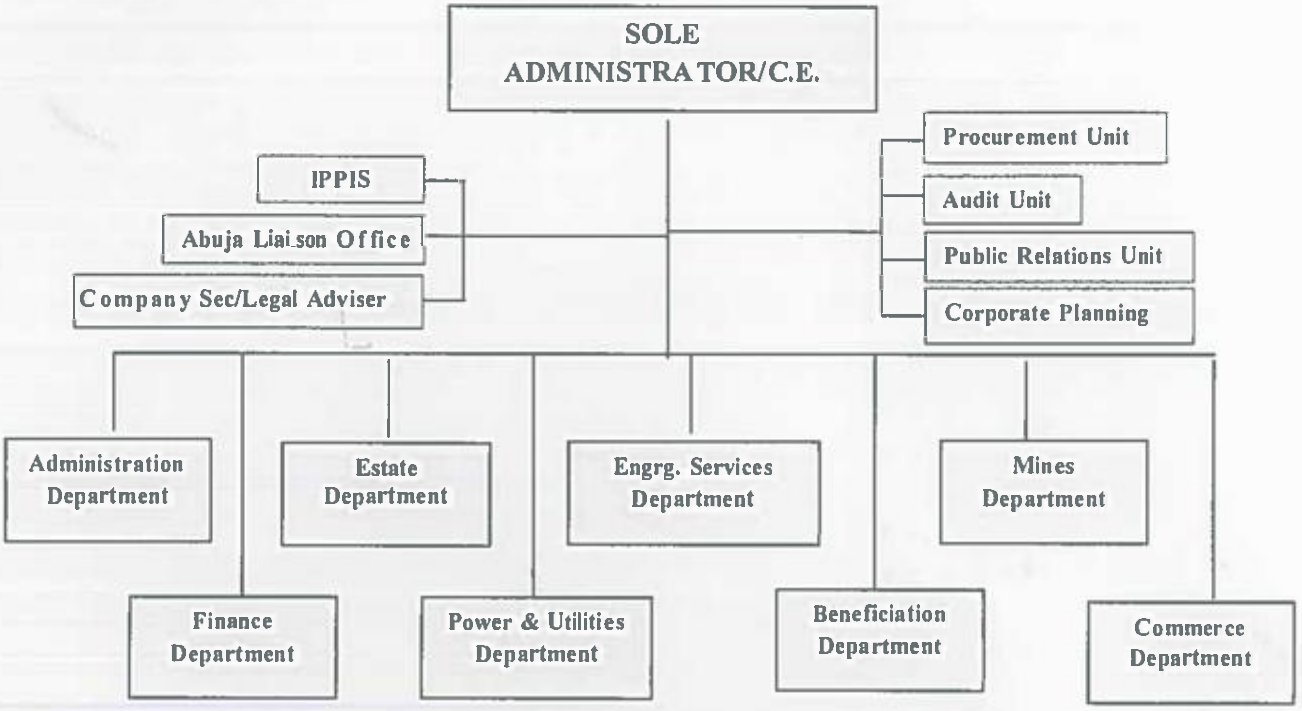
Between 2005 and 2008, during the concession to GINL, NIOMCO produced

- 874,389 tonnes of raw iron ore (ROM)
- Crushed 1,804, 842 ROM
- 332,137 tonnes of concentrate.

During the concessioning of the plant to Global Steel Infrastructure Limited, the plant had also ran and concentrates produced. However, by the time the concession agreement was cancelled in 2008, the plant had been used up and mismanaged thereby leaving most of the equipment in a very bad state without any stocked up spares left behind.

4.0 ORGANISATIONAL STRUCTURE

The Company has eight department headed by a sole administrator's Office to coordinate the activities of the departments all aimed at the successful production of the final product (iron ore concentrate), maintenance of facilities, management of human resources and its welfare services. All these eight departments report its activities to the Office of the Sole Administrator/Chief Executive.



4.1. CURRENT STAFF STRENGTH

The current staff is 801 while the projected requirement of manpower for the optimal production of iron ore concentrate is 2500 employees comprising both the technical and non-technical personnel to keep up to the constant and uninterrupted production of iron ore concentrate for the Steel Plant.

5.0 ITAKPE IRON ORE DEPOSIT EAST PIT & WEST PIT

ESTIMATED TONNAGE RESERVES

GEOLOGICAL RESERVE:	200MILLION METRIC TONNES
MINEABLE RESERVE:	145MILLION METRIC TONNES
MINED TO DATE:	3.9MILLION METRIC TONNES
RUN OF MINE ORE CURRENTLY AVAILABLE FOR MINING:	141 MILLION METRIC TONNES

WEST PIT WORKED FROM INITIAL HEIGHT OF 375 Metres above the sea level to the present level of 320 Metres above the sea level.

EAST PIT WORKED FROM THE INITIAL HEIGHT OF 405 Metres above the sea level to various levels ranging from 380m –340m. Operations stopped in 2008 when the concession agreement between the Federal Government and GILN was terminated.

PRE EXPLOITATION DRILLING

Pre-exploitation drilling continuously needed throughout the life of the mine for the purpose of producing the subsurface geological maps to indicate the layers at the lower benches.

Pre-exploitation drilling needed to confirm tonnage of mineable reserves and for mine planning purposes.

Out of the 3Nos Core drilling Rigs, for Pre-exploitation drilling, 1No is burnt (NIOMCO 431), 1No is unserviceable (scrap). Thus only 1No is presently available.

2Nos additional Core Drilling Rigs Edeco H40) would be required for full production. Estimated cost of acquisition put at N100 Million.

MINE HAULAGE ROAD, CULVERTS AND DRAINAGES

- Total Mine Road network of Itakpe Mines is 9km
- Estimated 75% of the roads are fully developed while 25% are still under construction
- Average width of the road is 25metres.
- Gradient of road is 7%.
- In view of this, since operations had stopped for about 11years, the mine haulage roads had been washed by rains.
- Drainages are blocked at various points
- Safety berm had been washed away at various points
- 3Nos culverts on the road are in good condition.
- To resume Mine operations, the roads and drainages must be rehabilitated.
- Safety berms have to be rebuilt.

- There is need for the rehabilitation of the mine road, drainages and the safety berm.

MINE LIGHTING

- Mine lighting required for 24hrs operation
- Lighting system along mine haulage road has suffered some deterioration.
- Overhead cable and poles had fallen in some areas.
- About 1000metres of underground armored cables for mine lighting had been removed/ missing.

IRON ORE STOCK PILE

- 5NO5 Iron Ore stockpiles established over 3 decades ago.
- The stockpiles designed to be different grades of Iron Ore.
- Over the years, especially during the Concession Agreement, stacking on these stockpiles were done haphazardly. Thus stacking can no longer be said to be based on grades.
- At resumption of Mining Activities, the stockpiled material should be used to blend Run of Mine to ensure acceptable quality at the primary crusher.

WASTE DUMPS

- 3No. Waste Dumps located at MG, M2Gand at East pit and at south of west pit mines.
- 5outh Waste Dump for mining operations in the west pit is not currently being used as mining operations are in the east pit.
- Waste Dump at MG abandoned about 25 years ago when it was discovered that a reasonable tonnage of Iron Ore was in-situ below the waste Dump platform.
- The M2G waste dump currently in use is within the pit limit of the Mine,
- To solve this problem, a new waste dump site should be developed not too far from the the present one while ensuring that it is outside the pit-limit and distance from the mine face is minimal.
- Waste already dumped at MG would have to be removed when exploitation of the ore layers gets to the present level of the abandoned waste dump at MG.

MINE SITE OFFICES

- Currently the mine operators and maintenance staff use two porta cabins and one container located near the view point.
- One of the porta cabin is fairly okay, it only requires renovation of the ceiling.
- The other porta cabin is dilapidated with leaking roof, floor with holes, broken doors and not conducive as a site office. It should be scrapped.
- The container is not ventilated. provision should be made to construct windows on the container or install air conditioner.
- There is need to procure 2 additional containers to serve as offices for Engineers and Technicans.

MINE CANTEEN

- There is an existing.
- The canteen is built by placing 2nos forty feet containers together and covering them with a roof.
- The containers are in bad shape with no proper ventilation
- Cooking is done in the open air.
- There is need to rehabilitate the canteen with installation of air conditioners
- A good refrigerator is also needed.
- Refrigerator and air conditioner.

DUST SUPRESSION IN THE MINE

- Dust is being suppressed by the use of an old 35tonnes Euclid dump trucks was converted to a water sprinkler. The sprinkler is in deplorable condition. The dump truck is weak and cannot convey water up the hill effectively.
- It is highly recommended that 2nos of water sprinkler (Mercedes MB2031 truck with capacity) should be procured at estimated price of 75million to effectively suppress the dust in the mines.

QUARRY

- NIOMCO has a granite quarry outside the perimeter fencing of NIOMCO's headquarters.
- The granite quarry was abandoned over 25 years ago in order to avoid crossing the the (Itakpe-Eika road which has been dualized recently) road with off high Heavy Earth Moving mining equipment.
- NIOMCO has since then been sourcing granite from the Itakpe mine.
- It is recommended that the quarry should remain closed until a new crushing plant can be procured and installed near the deposit and a workshop to repair the equipment is also established near the quarry.

AJABANOKO IRON ORE DEPOSIT

- Ajabanoko has a geological reserve of 60million metric tonnes of iron ore.
- Development of access roads to the deposit which began many years ago is about 50% complete
- Production from the deposit is yet to start.

NIOMCO MINING TITLES

- NIOMCO has a mining lease covering an area of 6.4km2 on Itakpe deposit an area of 6.4km^2 on Itakpe deposit for a period of 25years effective from 14/11/2007.
- Niomco has a mining lease covering an area of 5km2 on Ajabanoko deposit for a period of 25years effective from 14/11/2007.

EXPLOSIVE MAGAZINES

- NIOMCO has 4 Nos explosive magazines
- Currently 3nos are in use viz: High explosive magazine, low explosive magazine and detonator magazine.
- The High Explosive Magazine
  - A steel container internally lined with treated planks.
  - Located at about 600m behind the main stores.
  - Capacity is 20 metric tonnes of High explosives.
  - Surrounded by sand embankment, a wire fence and a gate.
  - The gate and parts of the fence are presently broken.
  - Illumination is poor.
  - Security post is made with roofing zinc.

THE LOW EXPLOSIVE MAGAZINE

- Located at pilot mine at the far end of of the East pit.
- These are 3nos, 20ft containers lined with wooden plank which accommodate about 60metric tonnes of low explosives (Ammonium Nitrate).

THE DETONATOR MAGAZINE

- Located about 1km from MD/CEO's office.
- A steel container mounted on tyres and surrounded with wire fence.
- Items stored in the magazine includes all explosive accessories i.e. safety fuses, detonating caps, delay relays, etc.
- Blasting certificate for blasters to be renewed.
- 3 explosive magazine namely for High explosive magazine, Detonating magazine and ANFO magazine to be renewed.

45 METRIC TONNES MAGAZINE

- The 4th magazine under construction since the 80's fell within the right of way of Lokoja – Benin express way
- Another magazine has to be built in another location.

STOCK LEVEL OF EXPLOSIVE AS AT NOVEMBER, 2019

CONSUMMABLES

Explosives and Blasting

The under listed stocks were transferred to Obajana cement company's explosive magazine for safe keeping as directed by the appropriate authority since December 2010.

The transferred stocks are:

i. Detonator (Nonel)

15.0m handimaster	22pcs
15.0m Dynashoc No 2	1pcs
15.0m Dynashoc No 20	27pcs

	6.0m DTH	392pcs
	5.0m Electric	5pcs
	5.0m 1.8 copper wire IES	10pcs
	Total	394pcs
ii.	Nonel Connectors	
	6.0m Benchmaster	100pcs
	3.0m Benchmaster	961pcs
	Total	1061pcs
iii.	75 ms trunkline delays	2pcs
iv.	25 ms cord delay relays	877pcs
v.	Detonator cap #8	1594pcs
vi.	Safety fuse	905m

Required explosives and blasting accessories for two years uninterrupted operation.
The following estimate is based on the following:

- FACTS
- Itakpe Mine Operation has only 20% of fleet of equipment require to produce
- The capacity of the crushing plant is 2000 metric tonnes per hour
- The stripping ratio of waste to ore is 4:1
- ASSUMPTIONS
- The mine will operate at 20% capacity
- 300 production days per annum
- 3 shift, four Bridgade
- The cycle time to primary crusher and waste dump are 30mins and 10mins respectively.
- With 20% fleet, target set at 1.2million metric tonnes of Ore and 4.8million of waste per annum.

Two years explosives requirement is as shown

S/NO	ITEMS	OTY
1	High Explosive	85.6Mt
2	Ammonium Nitrate	428Mt
3	Nonnel Detonator	6,000pcs
4	Nonnel Connector	6,000pcs
5	Prima Cord	10,000m
6	Detonating cap	150pcs
7	Safety fuse	250m

To produce at full capacity i.e. 2000T/hr, the estimate above should be multiplied by 5.

6.0 PRESENT STATUS OF NIOMCO UNITS ARE AS SHOWN IN THE TABLE BELOW

Below is the present status/work to be carried out to put back the equipment to functional state in the mines.

A. MINES OPERATION

STATUS OF THE MINING EQUIPMENT

S/NO	Equipment	Works to be Done
1	Bulldozer D9R (015)	i. Replace worn out rollers, idlers and tracks. ii. Replace Ground Engagement Tools iii. Overhauling of all Hydraulic Cylinders. iv. Carry out 2000hrs servicing. v. Provide batteries and 1000 litres of diesel for test running. vi. Overhauling of Injection Pump and Fuel System. vii. Replacement of Exhaust Mufflers and Claddings
2	Bulldozer D9N (011)	i. Replace worn out tracks group, replace track rollers, segments and idlers. ii. Replace Ground Engagement Tools iii. Overhauling of all Hydraulic Cylinders iv. Carry out 2000hrs servicing. v. Repair operator's seat. vi. Replace batteries and provide 1000litres of diesel for test running. vii. Overhauling of Injection Pump and Fuel System. viii. Replacement of Exhaust Mufflers and Claddings
3	Bulldozer D9L (006)	i. Replace muffler, exhaust pipes and Claddings. ii. Steam clean radiator, overhaul track adjuster and valves. iii. Repair operator's seat and rear view mirrors. iv. Replace track rollers and tracks. v. Carry out 1000hrs servicing. vi. Replace batteries and provide 1000litres of diesel for test running. vii. Overhauling of Injection Pump and Fuel System.
4	Dozer Cat D8K(005)	Replace injector and priming pumps. Replace final drive duo cone seals. Rekit all hydraulic cylinders. Replace leaking/worn out hoses. Replace bad switches and gauges. Replace alternator and starter motor. Replace fan and alternator belt. Replace ground engaging tools. Tune up engine. Replace batteries. Overhaul Injection Pump and Fuel Line. Replace Exhaust Mufflers, pipes and Cladding. Repair operator seat. Replace bad/damaged wire harnesses. Carry out 2000hrs servicing and provide 1000litres of diesel for test running.
5	Cat D9N Dozer (012)	(a) Carry out under carriage rebuilt. i.e. replace rollers, idlers segment and tracks (b) Replace Exhaust muffler and claddings. (c) Replace ground engaging tools (d) Carry out 2000hrs servicing (e) Re-kiting of all hydraulic cylinders and water pump.

		(f) Provide batteries (200AH) and 1000liters of diesel for running. (g) Replace operator's seat & mirrors. (h) Overhaul Injection Pump and Fuel Lines.
6	Cat 5090B face shovel	(a) Replacement of joy stick. (b) Re-kiting of all hydraulic cylinders (c) Replacement of AC Compressor. (d) Replacement of alternators and fan belts. (e) Replacement of vehicle inspection device system panel. (f) Repair fuel system (g) Carry out 2000hrs service. (h) Provide batteries (200AH) and 1000liters of diesel. (i) Replace worn out hoses. (j) Replace damaged shift control hood. (k) Replace bucket tips (l) Troubleshoot Engine problems with ET and rectify. (m) Replace all hydraulic hoses
7	Cat 824G (014) wheel dozer.	(a) Repair/replace water pump (b) Replace cutting edges & end bit, Exhaust Mufflers, pipes and Claddings. (c) Rekit all hydraulic cylinders (d) Replace 4 Nos tyres (e) Replace mirrors. (f) Carry out 2000hrs servicing. (g) Provide batteries (200AH) and 1000litres for test running. (i) Overhaul Injection Pump and Fuel Lines.
8	Terex O & K RH40 (HS-01) (Face Shovel)	Replace radiator and damaged fan blade. Repair engine cover panels. Replace batteries. Replace worn out bucket tips and adapters. Replace worn out hoses. Rekit leaking cylinders. Carry out 2000hrs servicing. Provide 1000 litres of diesel for testing. Replace batteries and provide 1000litres of diesel for test running. Overhaul Injection Pump an Fuel System
9	Payloader Cat 992C (112)	i. Overhaul Transmission System. ii. Overhaul all hydraulic cylinders. iii. Vulcanise tyres, Replace Bucket Tips and pins. iv. Overhaul air conditioning system. v. Replace Exhaust Mufflers, pipes and Cladding. vi. Tune up engine vii. Carry out 2000hrs servicing viii. Replace batteries and provide 1000litres of diesel for test running. ix. Overhaul Injection Pump an Fuel System.
10	Payloader Cat992C(113) Loader	Overhaul transmission, re-kit hydraulic cylinders, replace leaking/worn out hoses. Replace batteries, carry out 2000hrs servicing, provide 1000 litres of diesel for testing. Replace bucket tips. Repair Air Conditioning system. Overhaul Injection Pump and Fuel Line. Replace Exhaust Mufflers, pipes and Cladding.

11	Payloader 966F (115)	i. Re-kit all hydraulic cylinders, ii. Repair parking brake. iii. Carry out 2000hrs servicing. iv. Replace 4 NOS Tyres. v. Overhaul the Injection Pump and Fuel System. vi. Tune up Engine. vii. Repair Operator's Seat. viii. Check and Repair The Electrical System. ix. Replace Bucket Cutting Edge and provision for spare GET. x. Replace batteries and provide 1000 litres of diesel for test running xi. Replace Exhaust Mufflers, pipes and Cladding.
12	Payloader 950 (110)	i. Overhaul transmission/torque and converter Group. ii. Re-kit all hydraulic cylinders. iii. Replace spider bearing group, repair seat, repair electrical system, replace all damaged gauges and switches. iv. Vulcanise tyres and Replace 4 nos Tyres v. Carry out 2000hrs servicing. vi. Replace batteries and provide 1000 litres of diesel for test running vii. Replace Exhaust Mufflers, pipes and Cladding. viii. Overhaul the Injection Pump and Fuel System.
13	Loader 980C (108)	Overhaul engine, replace rear duo cone seal and rekit rear brake calipers. Rekit steering, tilt and lift cylinders. Replace rear brake discs and plates and overhaul braking and steering system. Overhaul transmission and torque converter. Overhaul Injection Pump and Fuel Line. Replace Exhaust Mufflers, pipes and Cladding. Replace all leaking and worn out hoses. Replace bad switches, gauges and hour meter. Replace alternator and starter motor. Replace bad wire harnesses. Replace seat. Replace 4Nos tyres. Replace batteries. Carry out 2000hrs servicing and provide 1000 litres of diesel for testing.
14	Payloader Komatsu WA 800 (WL-1)	i. Replace worn out bucket tips and provision for spares. ii. Overhaul Injector pump and Fuel System iii. Top Overhauling of the Engine iv. Repair and Steam clean radiator. v. Overhaul all hydraulic cylinders and replace Hydraulic Hoses. vi. Replace Exhaust Mufflers, pipes and Cladding. vii. Repair/replace 2 Nos starter motors, repair electrical system. viii. Replace horn, backup lamps and side mirrors. ix. Carry out 2000hrs servicing. x. Replace batteries and provide 1000 litres of diesel for test running.
15	Dump Truck 773E (218)	i. Repair dented right side fender. ii. Overhaul Injector pump and Fuel System. iii. Overhaul all hydraulic cylinders and replace Hydraulic Hoses iv. Replace fuel tank cover and vulcanise tyres. v. Replace left side mirror and left door glass winder.

		vi. Repair air conditioning system. vii. Replace faulty head lamps and batteries. viii. Replace Exhaust Mufflers, pipes and Cladding ix. Carry out 2000hrs servicing x. Provide 1000 litres of diesel for test running.
16	Dump Truck 773E (217)	I. Replace missing safety pins, replace batteries, provide Electronic Technician (ET) to upgrade all sensors, replace horn switch assembly, reverse alarm switch and also brake lamps. II. Overhaul Injector pump and Fuel System. III. Replace electric door winder. Repair Air conditioning system. Vulcanise tyres. IV. Carry out 2000hrs servicing and replace batteries. V. Re-kit body hoist and steering cylinders. VI. Provide 1000 litres of diesel for test running. VII. Replace Exhaust Mufflers, pipes and Cladding.
17	Dump Truck 773E (219)	i. Re-kit body hoist and steering cylinders. Vulcanise tyres. ii. Replace batteries. iii. Replace left side mirror. iv. Repair air conditioning system. v. Carry out 2000hrs servicing and provide 1000 litres of diesel for test running. vi. Overhaul Injector pump and Fuel System. vii. Replace Exhaust Mufflers, pipes and Cladding.
18	Cat 773E Dump Truck (216)	(a) Replace 6Nos, tyres, 24.00x35. (b) Re-kit body hoist and steering cylinders. (c) Overhaul Injector pump and Fuel System. (d) Replace Exhaust Mufflers, pipes and Cladding (e) Carry out 2000hrs servicing (f) Provide batteries (200AH) and 1000litres for test running. (g) Overhaul rear brakes (h) Repair A/C.
19	Cat 773B Dump truck (211)	(a) Rectify fuel injector leakage (b) Replace 6Nos tyres 24.00 x 35. (c) Carry out 2000hrs servicing (d) Rekit all hydraulic cylinders (e) Provide batteries (200AH) and 1000litres of diesel for test running (f) Rekit steering cylinders and replace oil seal for steering pump drive. (g) Replace operator door locking unit. (h) Repair A/C. (i) Provide special tools for injector pump. (j) Overhaul Injector pump and Fuel System. (k) Replace Exhaust Mufflers, pipes and Cladding.
20	Euclid R60 Dump Truck (214)	(a) Replace 6Nos tyres 24.00 x 35. (b) Over-haul transmission system. (c) Re-kit body hoist and steering cylinders.

		(d) Carry out 2000hrs servicing (e) Provide batteries (200AH) and 1000litres of diesel for test running. (f) Overhaul Injector Pump and Fuel System. (g) Replace Exhaust Mufflers, pipes and claddings.
21	Euclid R60 Dump Truck (213)	(a) Replace 6Nos tyres 24.00x 35. (b) Replace drive shaft. (c) Replace steering cylinders (d) Replace missing hoses and gauges. (e) Rekit body hoist cylinders (f) Carry out 2000hrs servicing (g) Provide batteries (200AH) and 1000 litres of diesel for test running. (h) Overhaul Injector Pump and Fuel System. (i) Replace Exhaust Mufflers, pipes and claddings.
22	Euclid R35 (210) Water Sprinkler	Tune up Engine. Replace radiator hoses. Replace brake valves and repair braking system. Rekit steering cylinders. Rectify leakages on transmission and rear wheel final drive. Replace alternator belt, wiper and horn. Replace batteries. Carry out 2000hrs servicing. Provide 1000 litres of diesel for testing. Overhaul Injector Pump And Fuel System. Replace Exhaust Mufflers, pipes and claddings. Overhaul all suspensions.
23	Terex (3308) Dumper (215)	(a) Replace 6Nos, 21.00 x 35 tyres. (b) Repair leakage of brake system. (c) Rekit body hoist and steering cylinders. (d) Replace PTO oil seal (e) Rekit/repair suspension cylinders. (f) Carry out 2000hrs servicing. (g) Provide batteries (200AH) and 1000litres of diesel for test running. (h) Replace rear duo cone seal and rekit rear brake calipers. (i) Replace Electronic Control Module (ECM). (j) Replace both side door glasses and mirrors. (k) Overhaul Injector Pump and Fuel System. (l) Replace Exhaust Mufflers, pipes and claddings.
24	Dump Truck Terex 100 (DU1)	i. Replace side mirrors. ii. Replace batteries. iii. Carry out 2000hrs servicing and provide 1000litres of diesel for test running. iv. Overhaul Injection Pump and Fuel System. v. Replace Exhaust Mufflers, pipes and Claddings. vi. Rekit/repair suspension cylinders.

25	Motor Grader 14H (304)	i. Repair/Replace exhaust ejector. ii. Replace/repair upper radiator. iii. Replace ripper tips, shank and pin. iv. Replace cutting edge and end bits. v. Repair parking brake. vi. Replace 3 Nos flood lamp and horn assy. vii. Replace reverse alarm. viii. Replace batteries and carry out 2000hrs servicing and provide 1000litres of diesel for test running. ix. Overhaul Injection Pump and Fuel System. x. Replace Exhaust Mufflers and Claddings.
26	Blast Hole Drill (BHD 01)	i. Repair 1 No door catcher. ii. Replace batteries, carry out 2000hrs servicing and provide 1000litres of diesel for test running. iii. Overhaul Injection Pump and Fuel System. iv. Replace Exhaust Muffler and Cladding.
27	Blast Hole Drill (BHD 02)	i. Repair 1 No door catcher. ii. Replace batteries. iii. Carry out 1000hrs servicing and provide 1000litres of diesel for test running. iv. Overhaul Injection Pump and Fuel System. v. Replace Exhaust Muffler and Cladding.
28	BHD03 (Rock Drill)	i. Replace Electronic Control Module. Replace batteries, repair ,door lock. Carry out 2000hrs servicing. ii. Provide 1000 litres of diesel for testing. iii. Overhaul Injection Pump and Fuel System. iv. Replace Exhaust Muffler and Cladding.
29	Roc 404A (432) (Rock Drill)	Replace all air hoses. Service control valves. Rekit hydraulic cylinders. Replace Leaking hydraulic hoses. Lubricate machine. Procure 1No DTH hammer (COP 42) for machine. Overhaul Injection Pump and Fuel System. Replace Exhaust Muffler and Cladding.
30	XR 350 (423) Compressor	Overhaul Engine. Replace fuel lines. Replace push button, circuit breaker and tachometer. Replace bad relays and cable harnesses. Replace 4 Tyres. Replace batteries. Carry out 2000hrs servicing. Provide 1000 litres of diesel for testing. Overhaul Injection Pump and Fuel System. Replace Exhaust Muffler and Cladding.

B. ASSOCIATED FACILITIES

S/No.	Equipment	Works to be Done
1	Bendini Crane	i. Overhaul engine, replace broken operator's cabin roof glass, replace 2 Nos tyres, batteries and replace sling wire. ii. Carry out 2000hrs servicing. iii. Provide 1000litres of diesel for test running.
2	Manitou Tyre Handler	i. Replace fan belt, overhaul transmission, re-kit hydraulic and steering cylinders, replace right side head lamp, replace missing mirrors, repair operator's seat, overhaul engine, replace batteries. ii. Provide 1000litres of diesel for test running
3	Manitou Forklift	i. Replace fan belt, overhaul engine, overhaul transmission, replace batteries. ii. Re-kit all hydraulic & steering cylinders. Provide 1000litres of diesel for test running.
4	Personnel Carrier Manitou	Replace kickstarter, alternator, batteries, electronic card. Carry out 2000hrs servicing and provide 1000ltrs of diesel for test running.
5	Workshops' Tools and rehabilitation works for Mines and Auto workshops.	Replacement of Aluminium Long Span and Cladding for mine main workshop and rehabilitation works of auto workshop. Procure workshop tools and equipment.
6	Consumables spare parts, Lubricants and Tyres.	Procure Spare Parts for Mining Equipment. Procure Lubricants and Filters for Scheduled Maintenance. Procure Tyres for running Equipment.

MINES (CONTD')

S/N	EQUIPMENT/DESCRIPTION OF ITEM	PART NO/MAKE	QTY	CONDITION AS AT NOV 2019	LOCATION	REMARKS
A	QUALITY CONTROL LAB					
1	FUME CUPBOARD	FUME HOOD EXHAUST FAN TYPE	3	ALL FAULTY	LAB	MODERN TYPE REQUIRED
2	MUFFLE FURNACE	TYPIOH-85TR	1	FAULTY	TO DSC BY GILN	NEW ONES REQUIRED
3	HOT PLATES		4	FAULTY	LAB	NEW ONES REQUIRED
4	TOP LOADING BALANCE	METTLER-(READABILITY 0.0001G)	1 -	FAULTY	STORE	NEED REPLACEMENT
5	WATER DISTILLATION EQUIPMENT	MANESTEY	1	FAULTY	STORE	MODERN DISTILLATION EQUIPMENT REQUIRED
6	LAB CHEMICALS			EXPIRED	LAB	NEW CHEMICALS REQUIRED
7	ANALYTICAL BALANCE	METTLER & SAUTER	1	REQUIRED SERVICE		SERVICE & CALIBRATION
8	PYE UNICAM ATOMIC ABSORPTION SPECTROPHOTOMETER	SP9	1	FAULTY	STORE	NEW ONES REQUIRED
9	PYE UNICAM ATOMIC ABSORPTION SPECTROPHOTOMETER	PU 8650 U	1	FAULTY	STORE	NEW ONES REQUIRED

10	WEMCO FLOTATION		1	NOT INSTALLED	LAB (ELECT MOTOR IN THE STORE)	ELECT MOTOR IN THE STORE
11	PH METER		1	FAULTY	STORE	
12	DRYING OVEN		3 1	FAULTY, OKAY	LAB LAB	NEW ONES REQUIRED NEEDS SERVICING
13	MORTAR MILL		1	OKAY	LAB	NEEDS SERVICING
14	DENVER ROD MILL		1	OKAY	LAB	ELECT MOTOR IN STORE
15	POLISHING MACHINE		1	OKAY	STORE	NOT INSTALLED
16	CUTTING/LAPPING MACHINE		1	NOT FUNCTIONING	STORE	FAULTY CONTROL SWITCH,
17	CUTTING MACHINE		1	NOT INSTALLED	LAB	
18	POLARIZED MICROSCOPE		1	NOT INSTALLED	STORE	OKAY
19	BINOCULAR MICROSCOPE		2	FUNCTIONING	STORE	OKAY
20	U.V. VISIBLE SPECTROPHOTOMETER	PERKIN ELMER	1	NOT FUNCTIONING	STORE	REPLACE
21	SCREENING/SIEVING MACHINE		1	INSTALLED	STORE	ELECTRT. MOTOR
B	**SURVEY DEPARTMENT**					
1	KERNSWISS THEODOLITE	DKM2-AE	1	BAD	STORE	Require replacement with latest version
2	TRIPOD	THEODOLITE TRIPOD	2	BAD	STORE	TO BE REPLACED
3	TRIPOD	LEVEL TRIPOD	2	BAD		TO BE REPLACED
4	STAFF	LEVELLING STAFF	3	3 ARE NOT IN GOOD CONDITION		TO BE REPLACED
C	**MINE GEOLOGY/MINE QUALITY CONTROL**					

1	CORE DRILLING RIG FOR SUBSURFACE MAPPING	EDECO, (NON WIRE LINE TYPE)	1	BAD	M2G	To be replaced with more current version
	Jaw crusher	Crushes from 40mm to 10mm	1	Not in good condition	Bergeaud plant	Overhaul: inspection, repair, service
	Dual roll crusher	Crushes from 10mm to 1mm	1	Not in good condition	Bergeaud plant	
	Rotap sieve shakers	Ranges	1	Not in good condition	Bergeaud plant	Electric motor missing
	Riffle Spitter (jones)	040G -022	1	Good condition	Bergeaud plant	okay
D	**BLASTING AND EXPLOSIVE UNIT**					
1	High EXPLOSIVE MAGAZINE	45T	1	DESTROYED BY THE ONGOING LOKOJA-BENIN ROAD CONSTRUCTION		TO BE REPLACED
2	STEEL CONTAINER H.E. MAGAZINE	20T	1	OK	BEHIND MAIN STORE	VANDALIZED
3	STEEL CONTAINER ANFO MAGAZINE	40T	2	FAIRLY OK	PILOT MINE	TEMPORARY MAGAZINE
4	STEEL CONTAINER (BLASTING ACCESSORIES)		1	OK	SITE	VANDALIZED
E	**MINES OPERATION**					
1	PORTER CABIN	FIELD OFFICES	3	BAD		NEW TO BE CONSTRUCTED
2	CANTEEN	MINE SITE	1	BAD		
3	WALKIE TALKIE	10 KM RADIUS COVERAGE	8	BAD		
4	WALKIE TALKIE CHARGERS	ELECTRICALS	8	BAD		
F	**BERGEAUD PLANT**					
1	HOPPER			OK		CLEAN

2	JAW CRUSHER			OK		OK
3	POWER CABLE			MISSING		REPLACE
4	CONVEYOR BELT			EXPIRED		REPLACE
5	IDLE ROLLERS			BAD		REPLACE
6	RETURNING ROLLERS			BAD		REPLACE
7	MESH			CORRODED		REPLACE
8	BELTS			BAD		REPLACE
9	**CONE CRUSHER**			OK		SERVICE

CARTOGRAPHY SECTIONS

The existing equipment are obsolete in bad conditions and need total overhauling and replacement with modern equipment to give room for transformation from analog to digital methods of producing maps

TRANSFORMATION OF MAP MAKING PROCESS FROM ANALOG TO DIGITAL METHOD

The following items will be required for the transformation processes:

NO	DESCRIPTION	QUANTITY
1	Laptop(core i5HP pavilion 12GB ram 500GB hdd)	4
2	HP design jet plotter T520	1
3	HP office jet 8720 A3 printer	1
4	Global Positioning System(GPS) GARMIN GPS MAP 276CX Model	3
5	Sharp AR6020 digital multifunction A3 Photocopier	1
6	HP Scanjet flatbed	1
7	Software(Non licensed) A: ARCGIS B: AUTOCAD	 1 1

C. BENEFICIATION PLANT

S/N	EQUIPMENT/UNITS	STATUS	REMARK
1	**PRIMARY CRUSHER** Gyratory Crusher 54" x 74" Capacity: 2000tph **Make:** Allis Minerals Systems Emmisa.	Dismantled	Reassembling and reactivation of the crusher including the replacement of the worn out sleeve, spider bushing, main shaft, eccentric gear, liners, v-belts, dust seal, bolts and servicing of parts.
2	**CONVEYOR BELTS**	All conveyor belts of various sizes for the transportation of materials expired due to year of manufacture.	To be replaced
3	**BELT CONVEYORS**	Carriage and Return rollers, scraper blades, hoses, liners, drum lagging bad	To be relagged/replaced.
4	**SECONDARY CRUSHER** ***Type*** - Jaw 1080 ***Size*** - 1020 x 800 mm ***Capacity*** – 2000tph	Screen dismantled, expired v-belts, worn out eccentric gear, bearing and seal bad, lining worn out.	To be rehabilitated and reassembled
5	**TRANSFER STATIONS**	Pump and chute needs overhauling	To be overhauled, re-lined/ repaired.
6	**STACKER 1** Capacity: 2275tph Travel speed - 8 m/min to 16 m/min Max.travel length - 420 m Total no. of wheels- 24 Drive motor - 10x 7.5 kW	Drive bearings, disc brake, winch in good condition. Lubrication system not okay, hoisting and slewing slings bad	To be serviced/repaired
7	**RECLAIMER** Travel speed -1.5 m/min to 15 m/min Max. travel length - 400 m Total no. of wheels - 32 Drive motor - 16x 5.5 kW	Bucket mechanism, drive & bearing, brakes in good condition. Buckets, adapters, carriage guide wheels, beam frame, rake are in bad condition. Conveyor hoppers, scraper blades, chutes liners bad.	To be replaced, serviced and repaired.
8	TRANSFER CAR	Rail buckled	To be repaired
9	REPARTITION BIN	Concrete beams sectionally shattered, liners damaged, bin jammed.	To be reactivated, cleared and relined.

10	**AG MILLS (I, 2, & 3)** Type - Wet grate discharge Size - 20'Ø x 10' L Drive motor - 2700kW Capacity- 292 ± 10%	Liners, lifters, trommel screen panels, chute liners worn out, mechanical winch bad, motorized valves faulty.	To be serviced/ parts replaced
11	Slurry tanks	Tanks, drain valves, water valves, rubber lining, gate valves & Teguflex damaged.	To be relagged, and replaced.
12	Sump pumps	V-belts expired, pumps consumables damaged	To be replaced and repaired
13	Wet Screens	All screen panels worn out, water spraying system faulty, v-belt expired, Wet Screen panel removed.	To be reactivated and panels changed from iron to polyurethane or upgraded to modern system.
14	Warman pumps	Pump components rusted, worn out, damaged, v-belt expired, gate valves damaged.	To be repaired/serviced and replaced.
15	FLOCCULANT STATION	All piping system bad, station to be serviced	All piping system to be replaced, station to be serviced.
16	Cyclones	Trellex hoses damaged, pressure gauge faulty.	Hoses to be replaced and pressure gauges replaced.
17	Filter Beds	One gear box faulty, Filter cloth, water spray, scrappers, tensioning device, hydraulic jacks, tank liners, gauges & meters, Belt stripe bad.	To be replaced and repaired
18	FILTRATE PUMPS	All filtrate pumps are bad, not in working condition.	To be replaced
19	VACUUM PUMPS	Pressure relief valve solenoids faulty, 2 No. pumps bad, v-belt expired	To be repaired/replaced.
20	V-Belts	All V-belt expired	To be replaced
21	THICKENER Ø60m	Wheel track damaged, rake wheels, drives, sump pump, and suction valve bad. V-belt expired.	To be resurfaced, serviced/ repaired
22	Benef Plant Laboratory Equipment	ASOMA machine, electric oven, disc mill, vibrator, sieves, plastic flask bad. IQSpectro Analyser yet to be installed	To be repaired/serviced and Analyser to be installed and personnel trained.

23	Osara Dam	Pump couplings, shaft, seals, gland packing, impeller, overheating of pump	To be rehabilitated
24	Overhead tank	High sedimentation of mud, tank deteriorating.	Mud to be cleared and tank to be repainted
25	Fire Fighting Truck	Old and obsolete.	To be rehabilitated/New one procured
26	Working Tools		To be procured

D. SUPERCONCENTRATE (SCP) AND WEATHERED ORE PRE-TREATMENT PLANT (WOTP)

S/NO	WORK TO BE DONE	WORK DONE	% COMPLETION
1	Spare parts and consumables for test running of SCP	Spare parts and consumables for test running of SCP+ WOTP	90
2	Audit of Steel Work, Mechanical and Process to determine present status after six years of stoppage of installation.	Audit of Steel Work, Mechanical and Process to determine present status after six years of stoppage of installation.	100
3	Audit of Electrical and automation equipment after six years of installation and non-use.	Audit of Electrical and automation equipment after six years of installation and non-use.	100
4	Remobilization of key expatriate and Nigerian personnel	Remobilization of key expatriate and Nigerian personnel	100
5	Reimbursement of the cost of replacing expired parts of the equipment	Reimbursement of the cost of replacing expired parts of the equipment	100
6	Support facilities for ancillary sub-station	Support facilities for ancillary sub-station	75
7	Additional equipment for concentrate industrial plant	Weathered ore pretreatment equipment	90
8	Additional set of documentation to be provided to NIOMCO	Not yet done	0
9	Sourcing, importation and remobilization of heavy equipment for the erection work and consumables for commissioning	Sourcing, importation and remobilization of heavy equipment for the erection work and consumables for commissioning	90

E. ELECTRICAL SECTION (POWER AND UTILITIES)

S/N	EQUIPMENT NAME	SPECIFICATION	UOM	QTY	Status as at Nov 2019	Remarks/Respon sibility
1	**BERGEAUD PLANT**					
1a	Switchboard Panel	incommer feeder C.B 400A	Nos	1	Bad	To be Procured
1b	Switchboard Panel	MCCB,250AMP,4Pole	Nos	1	Bad	To be Procured
1c	Changeover switch	400Amp,415v,4P,3 position,centre zero	Nos	1	Bad	To be Procured
2	**WEST PIT**					
2a	ACB (Breaker)	800AMP,415v,4p,make-ALSTOM	Nos	1	Bad	Needs Replacement
2b	Outgoing feeder(MCCB)	63AMP,3P,415V,make ALSTOM	Nos	6	Bad	To be Replaced
3	**EAST PIT**					
3a	Battery with Battery charger	12v,65Ah, Lead Acid Cell	Nos	10	Bad	To be replaced
3b	mobile Tower light Genset	13KVA,415v	Nos	1	fairly Good	Overhauling Required
4	**PRIMARY CRUSHER**					
4a	ALTIVAR	37 KW-50HP -ALTIVAR 5	Nos	1	Bad	To be Procured
5	**PRIMARY CRUSHER SUBSTATION**		Nos			
a	Battery charger panel	110v dc for protection	Nos	1	Bad	To be repaired
b	Battery bank	12V,75Ah, Lead Acid Cell	Nos	10	Bad	To be Procured
6.a	**132 KV SUBSTATION**					
6.b	CB22,R-Y-B	Tripping and closing coils	Nos	3	Bad	To be Procured
6.c	CB22,R-Y-B	spring charging mechanism	Nos	3	Bad	To be Procured
6.d	CB22,R-Y-B	charging motor	Nos	3	Bad	To be Procured
6.e	MPT41 TRANSFORMER	Tap changer remote operation to be put in service	Nos	1	Bad	For servicing

6.f	MPT31/41 TRANSFORMER	High Voltage outdoor Live Tank, 1250A, 3phase mounted sf6 circuit breaker, 145kV	Nos	2	Bad	To be replaced
6.g	MPT 31	Tap changer operation to be put in service	Nos		Bad	To be purchased
6.h	CB12 R-Y-B	spring charging mechanism	Nos	3	Bad	To be repaired
6.i	CB12 R-Y-B	Spring charging motor	Nos	3	Bad	To be repaired
6.j	CB51 ABB	charging mechanism	Nos	1	bad	To be purchased
6.k	132KVA MAIN S/S	AC Voltage power transducer	Nos	10	Bad	To be purchased
6.l	132KVA MAIN S/S	AC current transducer	Nos	10	Bad	To be purchased
6.m	Lead acid batteries	100Ah, 12V	Nos	10	Bad	To be purchased
6.n	Indicator lamp	10W, 110VD.C	Nos	500	Bad	To be replaced
6.o	Analog Pointer Voltmeter	132kV/100V	Nos	6	Bad	To be purchased
6.p	Analog Ammeter			10	Bad	To be procured
6.r	11KV MAIN SUBSTATION	132kV Synchronizing check, RVKS 332, Relay	Nos	5	Bad	To be procured
6.s	11KV MAIN SUBSTATION	239 motor protection relay	Nos	10	Bad	To be procured
6.t	11KV MAIN SUBSTATION	11kV measuring Panel control card	Nos	2	Bad	To be Procured
6.u	11KV MAIN SUBSTATION	Capacitor bank control	Nos	1	Bad	To be Procured
6.v	N12AD01	Repair of panel	Nos	1	Bad	To be repaired
7	**Sub - Station (N12 AD01)**					
7.a	measurement panel	101 measuring panel(control panel)	Nos	1	bad	To be procured
7.b	outgoing feeders	11kv,630AMP Sfe indoor switch gear, 3pole	Nos	10	bad	To Be replaced
7.c	outgoing feeders	No-112, 11kV grinding mill supply	Nos	1	bad	To be procured
7.d	Indicating lamps	110v DC	Nos	100	bad	To be Procured
7.e	protection relays	2246D75100	Nos	100	bad	To be purchased
7.f	protection relays	2248E75100	Nos	50	bad	To be purchased

7.g	overcurent+overload relay	PAKS3350make ENERTEC,Schelumberger-France	Nos	5	bad	To be purchased
7.h	Earth fault protection relay	PAKS5110make ENERTEC,Schelumberger-France	Nos	5	bad	To be prurchased
7.i	Control relay	(TEC) 110V DC 1783471C00	Nos	30	Bad	To be purchased
7.j	Battery bank	1.2VX90 NOS, 160AH makeSHAFT Germany	Nos	10	bad	To be purchased
7.k	Power factor Control	Capacitor	Nos	1	bad	To be repaired
			Nos	1	Bad	To be purchased
8	**REMOVAL SUBSTATION**					
8.a	MCC PANEL D29AC01	Complete 1250A L.V Electrical Cubicle Switch gear panel main C.B switch board cabinet	Nos	1	Bad	To be purchased
8.b	Battery bank	Lead Acid battery 12V, 75Ah	Nos	10	bad	To be purchased
8.c	**SUBSTATION ROOM**	roof damaged- Leakage	Lots	Lots	to be repaired	To be repaired
8.d	substation room	Provision of copper bus bar 60mmX10mm Copper bar	mtrs	30	Bad	To be purchased
8.e	substation room	11kV terminating kit (indoor)	Set	1	Bad	To be purchased
8.f	substation room	L.V Jointing kit 16mm^2-50mm^2	set	5	as spare	To be purchased
8.g	substation room	11kV terminating kit (outdoor)	Set	5	as spare	To be purchased
8.h	substation room	Bolt and Nut	Lots	Lots	Not available	To be purchased
	TAILINGS DISPOSAL SUBSTATION					
9	D92AD01	Complete 1250A L.V Electrical Cubicle Switch gear panel main C.B switch board cabinet	Nos	1	Bad	To be procured
9.a	Battery bank	Lead Acid battery 12V, 75Ah	Nos	10	Bad	To be procured
9.b	800KVA Transformer	New Transformer	Nos	1	not in place	To be procured

9.c	substation room	roof damaged &Leakage	Nos	1	Bad	To be procured
9.d		Provision of copper bus bar 60mmX10mm Copper bar	mtrs	30	not in place	To be procured
9.e		Bolt and Nut	Lots	Lots	Not available	To be procured
9.f		11kV Euromold 400LR Elbow connector	Nos	12	Bad	To be procured
9.g		Roof leakage	Lots	Lots	Bad	To be procured
10	**CONVEYOR BELT BC74**					
10.a	limit switches		Nos	4	Bad	To be procured
11	**SECONDARY CRUSHER**					To be procured
11.a	VVVFD	ALTIVAR,45 KW,TELEMECHANIC MAKE	Nos	1	not in place	To be procured
12	**EMERGENCY RECLAIMER**					
12.a	Electric motor	15KW 3phase, conveyor belt motor	Nos	1	Bad	To be procured
12b	**RECLAIMER**	11kV male and female socket coupler	Nos	1	Bad	To be procured
12c	Reclaimer	Emergency pull cord contactor	Nos	10	Bad	To be procured
13.a	**HT power distribution**	Motor protection relay,POWER MANAGEMENT 239,MAKE-GENERAL ELECTRIC	Nos	10	Bad	To be procured
13. b	Incommer-2 ACB	1600AMP,FRAME 1600L,MAKE UNILEC	Nos	1	Bad	To be procured
13.c	Battery bank	Lead Acid battery 12V, 100Ah	Nos	10	Bad	To be procured
14	**STACKER3+STACKER4**					
14.a	ALTIVAR	Crawler motor,30kw 400v,make OMRON	Nos	1	Bad	To be procured
14. b	ISOLATOR	11KV 400AMP,Make-GEC ALSTOM	Nos	1	Bad	To be procured
15	**STACKER 2**					
15.a	Travelling motor	ABB MOTOR,5.5kW	Nos	2	Bad	To be procured
16a	**GRINDING MILL-1**					

16. b	Bin level sensor	NIVOSONIC,Make-ENDRESS+HAUSER	Nos	1	Bad	To be procured
18	**GRINDING MILL-3**					
18a	Belt scale Electronics	Single Load cell make-RAMSEY	Nos	1	bad	To be procured
18b	Belt scale Electronics	speed sensors,Make-Ramsey	Nos	10	bad	To be procured
18c	Motorised valves	NB300.NB200 NB150,MAKE-L BERNAD	Nos	6	Bad	To be procured
18d	proximity switches	sensinng distance> 10mm,dia 40mm	Nos	20	bad	To be procured
18e	sump pump	3.7kw,3 Phase motor	Nos	1	bad	To be procured
18f	overhead crane	screen area	Nos	1	Bad	To be repaired
18g	push button station	start+stop+emergency stop,make telemechanique	Nos	20	bad	To Be replaced
18h	Water proof Push button	Red_Green with cap	Nos	50	bad	To be procured
19	**BENEF MAIN CONTROL ROOM**					
19a.	Feeder	Repair of mill feeder panels	Lots	Lots	Bad	To be purchased
20	**BENEF PLANT**					
20.a	Motorised Valve	F18LV03+F28lv03+F38lv03	Nos	3	bad	To be purchased
20.c	Density meters	F17DT01+F17DT02+F17DT03+F17DT04+F17DT05+F27DT01+F27DT02+F27DT03+F27DT04+F27DT05+F37DT01+F37DT02+F37DT03+F37DT04+F37DT05	Nos	12	bad	To be purchased
20. d	Flowmeter	F16FT06+F26FT06+F36FT06(NB150),Rcleaning spirals,Make Enress+Hauser	Nos	3	bad	To be purchased
20e	Flowmeter	F15FT04+F25FT04+F35FT04(,NB350) MAKE-ENDRESS+HAUSER,Cleaning spirals	Nos	3	bad	To be purchased
20f	Flowmeter	F14FT02+F24FT02+F34FT02,NB350,MAKE-ENDRESS+HAUSER	Nos	3	bad	To be purchased

20g	Flowmeter	F17FT01+F27FT01+F37FT01,NB350,MAKE-ENDRESS+HAUSER	Nos	3	bad	To be purchased
20h	Flowmeter	F14FT01+F24FT01+F34FT01,NB150,MAKE-ENDRESS+HAUSER	Nos	3	bad	To be purchased
20i	Flowmeter	F16FT07+F26FT07+F36FT07(NB150),MAKE--ENDRESS+HAUSER	Nos	3	bad	To be purchased
20j	Electronic card for Motorised valves	LINE-1+LINE2+LINE3, Make L-Bernad	Nos	15	bad	To be purchased
20k	VALVE PANEL	G92AC10+G92AC11	Nos	2	bad	To be purchased
21	**FILTRATION**	40W, 120VAC Electra screw type bulb	Nos	100	Bad	To be purchased
21.a	Limit switch	G11JSH01,CLOCKNER MOLLER MAKE	Nos	11	Bad	To be purchased
21.b	pressure switch	G12PSL06	Nos	11	bad	To be purchased
21.c	Pull cord switch	G12HS04	Nos	22	Bad	To be purchased
21.d	Jack motor limit switches	filter cloth up/down	Nos	22	bad	To be purchased
21.e	Filter cloth misalignment switch	filter cloth misalignment	Nos	22	Bad	To be purchased
21.f	overhead crane	travelling motor G71M02,0.3/0.2KW,18A3X25A	Nos	2	bad	To be repaird
22	**THICKENER**					
22.a	sum pump motor	5.5kw sump pump with panel	Nos	2	bad	To be purchased
22.b	low voltage pumps	15kw,415v with start stop panel	Nos	5	bad	To be purchased
22.c	Density meter	150mm,make- Dr Birthold	Nos	3	bad	To be purchased
22.d	control panel	start stop+Emergency stop	Nos	1	bad	To be purchased
22	control panel	start(2nos) stop(2 Nos)+Emergency stop(2 nos)	Nos	2	Bad	To be purchased
24	**LOADING AND STORAGE**					

24.a	SUBSTATION	ISOLATOR FLAUKIT M GEC ALSTHOM MAKE	Nos	1	bad	To be purchased
24.c	battery bank	12V,75Ah Lead acid	Nos	1	bad	To be purchased
24. d	roof leakage	roof leakage	Lots	Lots	bad	To be purchased
24. e	ALTIVAR	ALTIVAR 90KW,415v	Nos	2	Bad	To be purchased
26.a	Battery bank	12V,75Ah Lead acid	Nos	10	bad	To be purchased
28	**LOADING**					
29	**CONCENTRATE STORAGE YARD**					
30	**STACKER1**					
30.a	Contactor	Telemecanique CA2.E,Coil voltage 110vAC LC1 EC03	Nos	50	bad	To be purchased
30.c	Pull cord switch	Limit switch Telemecanique make	Nos	10	bad	To be purchased
30.f	**ALTIVAR**	Altivar,Omron make, 5.5kW	Nos	2	Bad	To be purchased
31	**RECLAIMER**					
31.a	Emergency stop box	Telemecanique	Nos	10	bad	To be purchased
31. b	Disk Brake power supply panel box	24V DC Power supply D21AA08	Nos	3	Bad	To be repaired
31.c	Main load Breaker	800AMP,UNILEC MAKE	Nos	1	bad	To be purchased
31. d	MCB	4P,63AMP	Nos	5	bad	To be purchased
31. h	ALTIVAR	Altivar 75kW, for bridge conveyor	Nos	1	bad	To be purchased
32	**OSARA DAM**					
	SUBSTATION PANELS					
32.a	Load break switch	IIKV LOAD BREAK SWITCH,MAKE-ALSTHOM	Nos	1	Design problem	To be procured

32. b	6KV Motor protection Relays	Motor protection relay 239	Nos	3	bad	To be purchased
32. d	Low voltage distribution panel	M11AD03	Nos	1	bad	To be purchased
33. d	11kV Substation	Copper Bar 5x60mm^2	mtrs	100	bad	To be procured
34. d	11kV Substation	Complete Battery charger; 3 phase, 3.63kVA, 110V D.C	No	1	Bad	To be replaced
	11kV Substation	Complete 800A, 600V L.V Electrical Cubicle switch gear panel with main C.B switchboard cabinet	No	1		To be procured
	11kV Substation	Repair of 11kV, 1600kV transformer	No	1	Bad	To be repaired
		PLANT ILLUMINATION				
1		Plant illumination with 100W LED, photocell control and contactor	Lot	Lot	Not available	To be procured
		PLANT AIRCONDITIONING				
1		2 ton standing cabinet air-conditioners	Nos	65	Bad	To be purchased
		CABLE LUGS WITH VARIOUS SIZES				
1		25mm^2, 35mm^2, 50mm2, 70mm2, 95mm2 e.t.c	Lot	Lot	Bad	To be purchased

	EMERGENCY PULL CORD					

1		Pullcord bulb, 110VAC 3W pin type	Nos	100	Bad	To be purchased
	PLC					
1		Upgrading of PLC network (phase 1)	Lot	Lot	Bad	To be replaced
2		Upgrading of PLC network phase 11 and 111	Lot	Lot	Bad	To be replaced

	TELECOMMUNICATION					
1	Intercom and internet communication	upgrading of communication system todigital and wireless voice, video and data for 15km radius for 500 subscribers voip users and internet communication	Lot	Lot	outdated	
2		Beneficiation process - monitoring and NIOMCO security surveillance				
3		Mototrolla Walkie-Talkie radio for Mines maintenance and operation	Nos	60		
4		Radio Base station (Mines operation			Bad	To be repaired
5		Radio Base station (Mines Maintenance)				To be repaired
6		Mototrolla Walkie-Talkie radio for beneficiation maintenance and operation	Nos	50	Bad	To be purchased

CABLES FOR BENEFICIATION PLANT OPERATION

1		2G 1.5mm2 Copper flex	Mtrs	2,500	Bad	To be procured
2		2G 1.5mm2 Copper flex	Mtrs	100	Bad	To be procured
3		3G 1mm2	Mtrs	1,000	Bad	To be procured
4		3G 1.5mm2	Mtrs	14,200	Bad	To be procured
5		3G 2.5mm2	Mtrs	500	Bad	To be procured
6		3G 2.5mm2	Mtrs	2,000	Bad	To be procured

7		3G 70mm2	Mtrs	200	Bad	To be procured
8		4G 1mm	Mtrs	2,000	Bad	To be procured
9		4G 1.5mm2	Mtrs	2,200	Bad	To be procured
10		4G 1.5mm2 flex	Mtrs	1,200	Bad	To be procured
11		4G 4mm2	Mtrs	200	Bad	To be procured
12		4G 6mm2	Mtrs	100	Bad	To be procured
13		4G 4mm2 flex	Mtrs	200	Bad	To be procured
14		4G 10mm2	Mtrs	3,100	Bad	To be procured
15		4G 2.5mm2	Mtrs	1,500	Bad	To be procured
16		4G 2.5mm2 flex	Mtrs	2,000	Bad	To be procured
17		4G 25mm2	Mtrs	500	Bad	To be procured
18		4G 35mm2	Mtrs	1,000	Bad	To be procured
19		5G 15mm flex	Mtrs	100	Bad	To be procured
20		5G15mm	Mtrs	6,000	Bad	To be procured
21		4G 15mm	Mtrs	500	Bad	To be procured
22		5G 2.5mm2	Mtrs	5,100	Bad	To be procured
23		5G 25mm2 flex	Mtrs	200	Bad	To be procured
24		5G 4mm2	Mtrs	500	Bad	To be procured
25		5G 6mm2	Mtrs	300	Bad	To be procured
26		5G 10mm2	Mtrs	400	Bad	To be procured
27		7G 1.5mm2	Mtrs	10,000	Bad	To be procured
28		7G 1mm2	Mtrs	300	Bad	To be procured
29		7G 1.5mm2 flex	Mtrs	500	Bad	To be procured
30		7G 2.5mm2 flex	Mtrs	4,000	Bad	To be procured
31		8G 1.5mm2	Mtrs	200	Bad	To be procured
32		10G 1.5mm2	Mtrs	2,000	Bad	To be procured
33		11G 2.5mm2	Mtrs	200	Bad	To be procured
34		12G 1.5mm2 flex	Mtrs	500	Bad	To be procured

35		12G 2.5mm2	Mtrs	3,000	Bad	To be procured
36		19G 1.5mm2	Mtrs	2,500	Bad	To be procured
37		24G 1.5mm2	Mtrs	1,000	Bad	To be procured
38		24G 2.5mm2	Mtrs	2,000	Bad	To be procured
39		20G 1mm2	Mtrs	200	Bad	To be procured
40		30G 1mm2	Mtrs	200	Bad	To be procured
41		27G 1.5mm2	Mtrs	1,000	Bad	To be procured
42		28G 1.5mm2 (cable reel)	Mtrs	2,000	Bad	To be procured
43		37G 1.5mm2	Mtrs	3,000	Bad	To be procured
44		37G 2.5mm2	Mtrs	200	Bad	To be procured
45		11kV 3X35mm2 XLPE Cable	Mtrs	200	Bad	To be procured
46		11kV 3x70mm2 XLPE Cable	Mtrs	200	Bad	To be procured
47		1x35mm2 bare conductor earth wire 7x6mm2	Mtrs	500	Bad	To be procured
48		11kV 3x95mm2 XLPE Cable	Mtrs	200	Bad	To be procured
49		Recline 4x70mm2 Alumunum	Mtrs	2,000	Bad	To be procured
50		L.V 3x150mm2 armoured cable	Mtrs	200	Bad	To be procured
51		L.V 4x10mm2 Copper Cable	Mtrs	1,000	Bad	To be procured
52		L.V 1x300mm2 Aluminum armoured cable	Mtrs	500	Bad	To be procured
53		L.V 1x240mm2 copper cable	Mtrs	250	Bad	To be procured
54		1x185mm2 Earth Copper Conductor	Mtrs	200	Bad	To be procured
55		11kV 3x70mm2 +1x95XLPE Cable	Mtrs	1,000	Bad	To be procured

F. TRANSPORT INFRASTRUCTURE

F1. ORE RAIL LINE

We have 2 functional locomotives for the transportation of concentrate to ASCL which are now presently transferred to the Ministry of Transport. It is recommended we retrieve the two locomotive or procure new ones to enable us transport our product independently.

We have 37 wagons at Itakpe, 12 at Ajaokuta, 22 at Agbor, totaling 71 Nos Gondola wagons.

The marshaling yard at Itakpe and Ajaokuta are still on wooden sleepers which needs to be replaced with to concrete sleepers because the wooden sleepers have degenerated.

F2. JETTY

There is a Jetty at Ajaokuta which was used to transport superconcentrate to Warri Port for Delta Steel Aladja. It is recommended that the Jetty be rehabilitated for alternative transport to Warri.

G. ESTATE INFRASTRUCTURE

VALUATION OF NATIONAL IRON ORE MINING COMPANY'S PROPERTY (BUILDINGS)

S/NO.	BUILDING TYPE	DESCRIPTION	NO.OF BLOCK	STATUS	RECOMMENDATION
1	Medical Centre	Purpose Built Hospital Accommodation	3	In a good condition	
2	Hall	Multipurpose Hall	1	In a fair condition	Needs renovation
3	Canteen	Senior Staff Canteen	1	Fair	" "
4	Workshop/Office	Estate Camp Maintenance Workshop	2	Fair	Needs Reconstruction
5	Store	Civil Store	1	Fair	Needs Renovation
6	Bank	Banking Services	1	Fair	" "
7	Bank	Banking Services	1	Fair	" "
8	Sofremines Club Building	Club House	1	Good	" "
9	Camp Administration Office	U-Shaped Office Accommodation	1	Fair	" "
10	Fire Service Station	Office Accommodation	1	Good	" "
11	Security Booth	Single Office	1	Good	" "
12	Bus Stop	Open Stalls	1	Good	" "

13	Mini Market	Open Stalls	2	Fair	Needs Reconstruction
14	Central Store	Barrel Vault	2	Fair	" "
15	Post Office	Postal Services	1	Good	" "
16	Admin Building	Office Accommodation	1	Good	" "
17	Library Building	Library	1	Fair	Needs Renovation
18	Transport Office Building	Office Accommodation	1	Fair	" "
19	Security Booths	Single Office	2	Good	
20	Mechanical Service Centre	Workshop/Offices	1	Fair	" "
21	Plant Workshop	Workshop/Offices	1	Fair	" "
22	Light/heavy duty Auto Workshop	Workshop	2	Fair	" "
23	Transformer House	Single Room	1	Good	
24	Electrical Maintenance Office	Office Accommodation	1	Fair	Needs Renovation
25	Sole Administrator's Office Building	Office Accommodation	1	Good	Needs Reroofing
26	Finance Office Building	Office Accommodation	1	V. Good	
27	Audit Office Building	Office Accommodation	1	V. Good	
28	Training Workshop	Workshop	1	Good	
29	Vocational Training Centre	Office Accommodation Lecture Rooms	1	Good	
30	Security Office	Single Room	2	Good	
31	Generator House	Single Room	1	Good	
32	Explosive Magazine Building	Store	1	Good	
33	Technical Service Building	Office Accommodation	1	Good	
34	Drawing Studio	Studio	1	Fair	Needs Renovation
35	Laboratory	Mines Laboratory	1	Fair	" "
36	TEAM Office Building	Office Accommodation	2	Good	Needs Improvement
37	Filling Station	Petrol Station	2	Obsolete	It can be revived
38	4 Bedroom	Duplex	6	Good	Two needs complete renovation
39	Hall	Squash Hall	1	Burnt	Needs rebuilding new structure

40	4 Bedroom	Bungalow	12	Good	
41	3 Bedroom	Bungalow	28	Good	
42	2 Bedroom	Flat	154	Good	1 Burnt and needs renovation
43	1 Bedroom	Apartment	50	Fair	
44	2 Rooms	Boy's Quarter	18	Fair	
45	3 Rooms	Boy's Quarter	21	Fair	
46	Single Room	Tenement Building	6	Fair	
47	Single room	Hollywood	6	Fair	
48	School buildings	Staff Primary school	7	Good	
49	School buildings	Staff Secondary school	11	Good	
50	Generator House	Single room	1	Good	
51	Security booth	Single room	1	Good	
52	Primary crusher	1 storey	1	Fair	Needs Renovation
53	Secondary crusher	1 storey	1	Fair	" "
54	Beneficiation plant	1 storey	1	Fair	" "
55	Grinding mill building	Single room	3	Fair	" "
56	132KVA Substation building	1 storey	1	Good	
57	Removal substation building		1	Good	
58	White house office building	Staff office accommodation	1	Fair	Needs renovation
59	Storage yard	Open store	1	Good	
60	Power/utility electrical office/ emergency power plant building	Office/store accommodation	2	Good	
61	Substation for storage			Good	
62	Yard		1	Good	
63	Loading station		1	Good	
64	Substation for loading		1	Good	
65	Tailing electrical substation		2	Good	
66	Repartition bin/ Vibration/Pillar building		1	Good	

67	Transfer/removal substations to the loading yard		4	Good	
68	Thickeners construction		2	Good	Needs resurfacing
69	Wet screen structure		1	Good	
70	Electrical substation		1	Good	
71	Security booth	Single Office	4	Good	
72	Bergeard plant	Office accommodation	2	Good	
73	Clemessy yard	Office building	2	Fair	Needs Renovation
74	Dumez yard	Office building	2	Fair	
75	Dumez restaurant	Restaurant	1	Fair	
76	Sofremines yard	Office accommodation	1	Fair	
77	Ore Rail Line management Building	Office accommodation	1	Fair	
78	Control tower	Storey building	1	Good	
79	Ore Rail Line staffs Office building/workshop	Storey building/workshop	1	Good	
80	Pumping Station	Pump Building/Offices	1	Good	
81	Thickener Construction		5	Good	

H. OUTSTANDING LEGAL LITIGATION

S/NO	SOLICITOR NAME	CASES	NATURE OF CLAIM	TOTAL PROFESSIONAL	OUTSTANDING BALANCEN
1	Ismail Usman & Co.	a). Commisioner of Police Vs Aminu O. Ahmed Suit No.	Causing death by dangerous driving.	85,000.00	490,000
		b). Jibrin A. Daiko Vs NIOMCO Suit No KGS/OK/32/2001	Claim for repairs effected on typewriter belonging to the Company.	45,000	
		c). COPS Vs Yakubu Ismaila. Suit No. HCO/30C/04	Causing death by dangerous driving.	55,000	
		d). Abdul Yekini Otaru & Anor Vs NIOMCO Suit No. KGS/OK/24/2001	Claim for value of damaged Car. Loss of income. General damages.	45,000	
		e). Joseph Damisa Atuaka Vs NIOMCO. Suit No KGS/OK/15/2001.	Wrongful termination of appointment claim for reinstatement and Arrears of Salaries.	60,000	
		f). Oseni Momoh Baba Vs NIOMCO Ltd. Yakubu Ismaila Suit No. HCO/30C/04	This is vicarious liability case whereof the plaintiff claim for the damage of his golf car allegedly	200,000	

			caused by the negligent conduct of the 2nd defendant in the handling of the vehicle on the day of the accident.		
2	Danjuma D. Raindams & Co	a). Marlong Advertising Agency Vs NIOMCO. Suit No HCJ/PL/21/98	Claims for unpaid printing jobs (Calendars)	55,000	55,000
3.	Salihu Shehu & Co.	a). James Adomu Vs NIOMCO. Suit No FHC/ABJ/CS/92/2000.	Wrongful termination of appointment and claim for arrears of Salaries.	60,000	130,000
		b). NUMW Vs SEWUN. NIOMCO Industrial Arbitration Panel. Abuja. Suit No NIC/8/2000	Determination of the right of NIOMCO. Workers to belong to ISSAN &SEWUN as opposed to Metallic & SEWUM as opposed to Metallic & Non Metallic Workers Union.	70,000	
4.	Ibrahim Yakubu & Co.	a). Mrs. Onyijimoh Ahmed & 3Ors Vs Mr. Avade Ahmed & NIOMCO. Suit No. KGS/OB/7/2000.	Claim for payment of death benefits.	55,000	225,000
		b). Kedmore Continental Ltd. VS. NIOMCO. Suit No. HCJ/OB/34T/99	Claims for payment of contract executed.	75,000	

		c). C O P Vs Alhassan Dan-Aliu & 4 ORS. Suit No. CMS/470C/04.	Criminal conspiracy, inciting disturbance, assault and criminal intimidation	95,000	
5.	Bello & Co	ITF Vs NIOMCO – High Court of Justice, Ilorin. Suit No. FHC/LKJ/CS/45/2011.	Claim for unpaid statutory contribution to ITF. Bello	75,000	75,000
6.	Orifumise & Co	Amechi & Partners Vs NIOMCO. Suit No	Claim for unpaid contract job executed.	48,000	48,000
7.	Sheidu Jim &co.	COP Vs Daniel & 9 Ors. Suit No CMC/OB/37/98.	Criminal conspiracy and Theft.	40,000	40,000
8.	Fola Ajayi & Co.	Abdulkareem A. Shaibu Vs NIOMCO & Aminu O. Ahmed . Suit No. KGS/OK/39/2001.	Claim for damages by estate of victim of accident N3.1m.	150,000	150,000
9.	Adoga – Ikong & Co.	a). Abdullahi Aliyu Vs NIOMCO.	Claim for 1,027,000.00 Being unpaid professional fees for cases done for NIOMCO.	200,000	290,000
		b). Abdul Yekini Otaru & Anor Vs NIOMCO Suit No. KGS/OK/24/2001	Claim for value of damaged Car. Loss of income, General Damages.	270,000	
		c). Aminu O Ahmed Vs NIOMCO Suit No. KGS/OB/30/2004	Claim for reinstatement, Salary arrears	270,000	

			and N300,000,000.00		
		d). Oseni Momoh Baba Vs NIOMCO Ltd. Yakubu Ismaila Suit No. HCO/30C/04	This is vicarious liability case whereof the plaintiff claim for the damage of his golf car allegedly caused by the negligent conduct of the 2nd defendant in the handling of the vehicle on the day of the accident.	200,000	
10	D.D Dodo& Co. (SAN)	a). Abdulazeez & 33 Ors Vs NIOMCO Suit No. KGS/OB/08/2005	Unlawful dismissal reinstatement and claim for arrears of Salaries	2,100,000.00	4,200,000.00
		b). Sadiku Momoh & Ors Vs NIOMCO Suit No. KGS/OB/12/2005	Unlawful dismissal reinstatement and claim for arrears of Salaries	2,1000,000.00	
11	Lough Chambers	Khadijat Auru Vs NIOMCO and Abdulmaleeq Mohammed & 3 Ors Vs NIOMCO Suit No. NIC/ABJ/2/2011	Claim of wrongful dismissal and termination of appointments respectively and reinstatement.	900,000.00	400,000.00

12	M.T. Musa &Co.	a) Befort Chemicals Nig. Ltd. Vs NIOMCO Ltd., Suit No. HC/OB/12C/2013	Claim of the sum of N10,757,785.00 in breach of contract being outstanding claim for weighbridge supply.	1,500,000.00	2,500,000.00
		b) Abuja Electricity Distribution Company Vs NIOMCO. Suit No. HC/OB/71/2014	Claim for the sum N60,734,543.60 being outstanding bill on electricity supplied	1,500,000.00	
	TOTAL			**10,298,000.00**	**8,603,000.00**